Project No. W-____-____-

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER
TECHNICAL REVIEW FORM

PUMPING STATIONS
(N.J.A.C. 7:10-11.9)

_____ _____ _____
Water Purveyor PWSID# Municipality

Pump Information: Number of Pumps Capacity / Discharge Head Type of Pumps

_____ _____ gpm @ _____ ft TDH ❒ Turbine
_____ _____ gpm @ _____ ft TDH ❒ Centrifugal
_____ _____ gpm @ _____ ft TDH

Method of Pump Control: _____

Location of Pump Station: ❒ Above Grade
❒ Underground

	YES	NO	N/A
1. Is the pump station designed to meet the demand requirements pursuant to N.J.A.C. 7:10-11.6(a)?	❒	❒	❒
2. Does the pump station have firm capacity to achieve the maximum design output of the station?	❒	❒	❒
3. Is the pump station equipped with check valves, flow meters, isolation valves, pressure gauges, and shutoff valves within the station?	❒	❒	❒
4. Is the station designed to maintain a minimum pressure of 20 psi in the water main from which it draws suction?	❒	❒	❒
5. If the pump station draws water from a wet well, is the wet well watertight, protected against seepage and contamination, and equipped with a vent protected against the entry of foreign matter?	❒	❒	❒
6. Is this pump station necessary to maintain pressure in the distribution system? If so, is auxiliary power provided?	❒	❒	❒

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Above Grade Pumping Stations	YES	NO	N/A
1. Is the building constructed in accordance with N.J.A.C. 7:10-11.6(g)?	❒	❒	❒
2. Is the finished floor elevation of a treated water pumping station a minimum of 1 foot above the highest recorded flood elevation?	❒	❒	❒

Underground Pumping Stations			
1. Are a minimum of 2 sump pumps designed to be activated at different flood levels provided?	❒	❒	❒
2. Is an alarm to a station manned 24 hours a day provided which will be triggered when the water is 6 inches above the floor level or when the second sump pump is activated?	❒	❒	❒
3. Is an automatic above-ground power shutoff provided which will be activated when the water reaches the base of the pumps?	❒	❒	❒
4. Are isolation valves provided which will automatically close when there is a power failure or when the second sump pump is activated?	❒	❒	❒

***Submit appropriate engineering plans, specifications, reports, etc. to substantiate your answers. ***

I hereby certify that answers provided herein are accurate and reflective of the project being considered for approval.

Signature of Engineer Date N.J.P.E. #
Professional Engineer's Embossed Seal

Type or Print Name of Engineering Firm